

1/19

Step 1

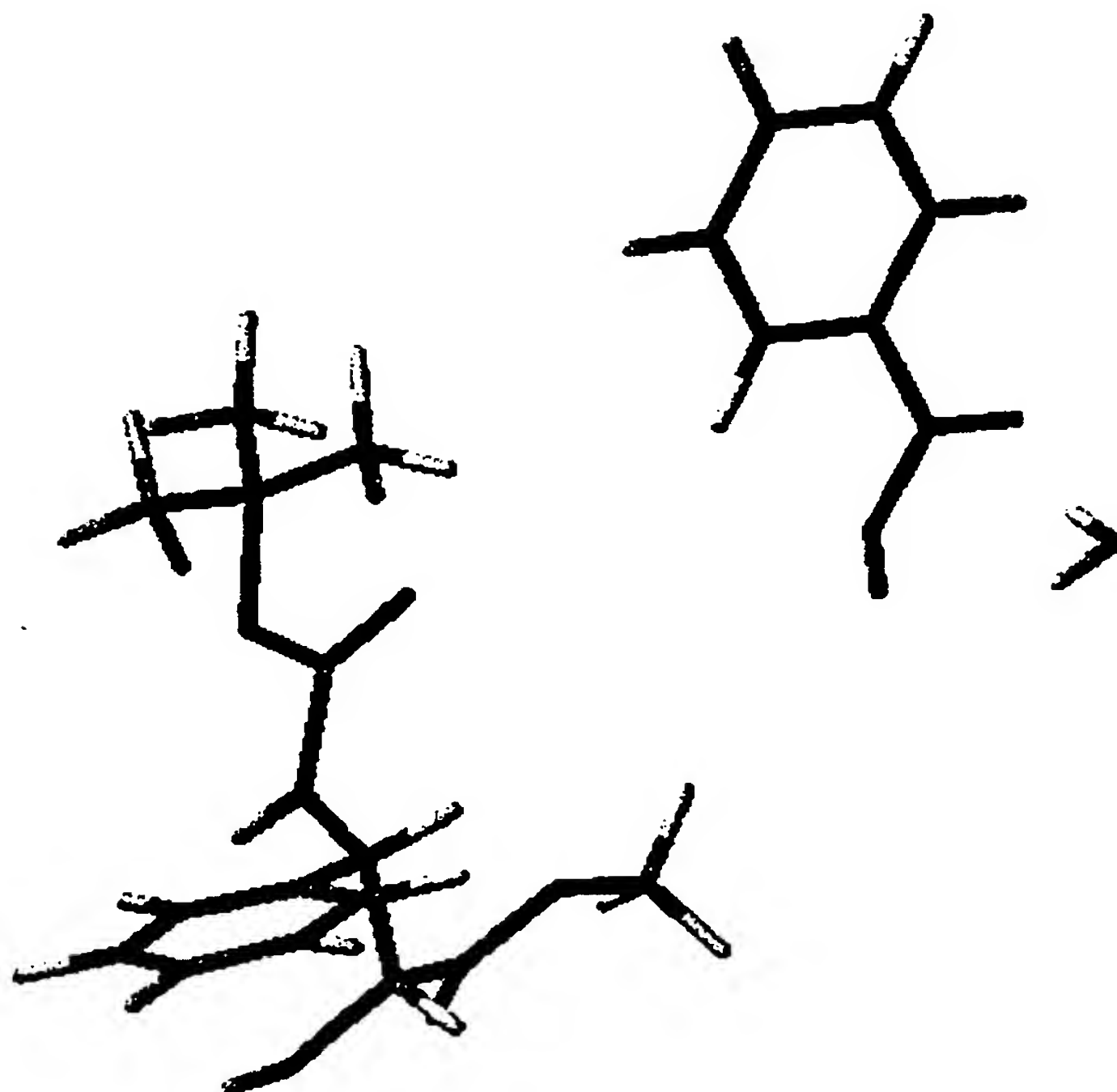


Fig. 1A

Step 2

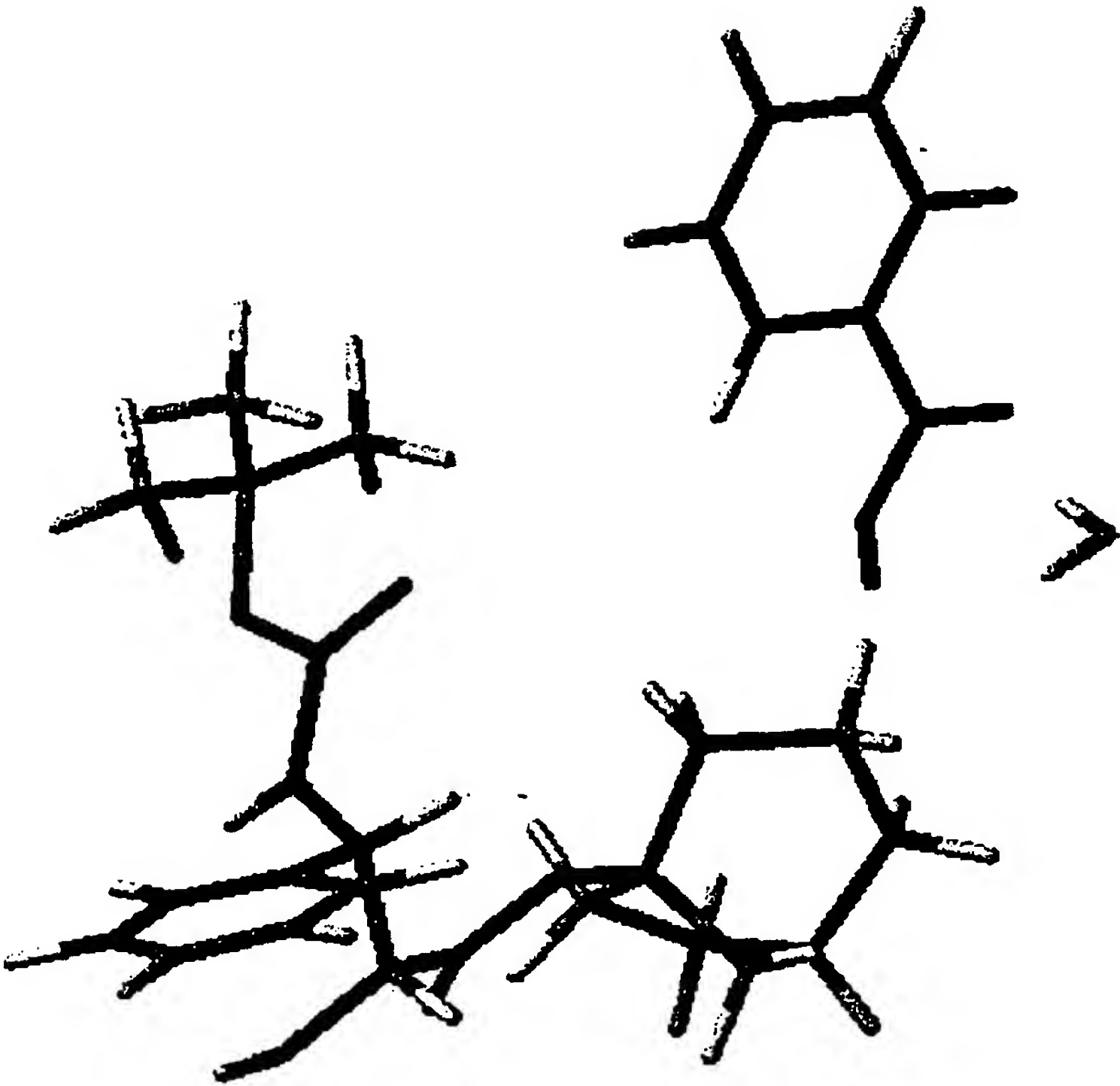


Fig. 1B

Step 3

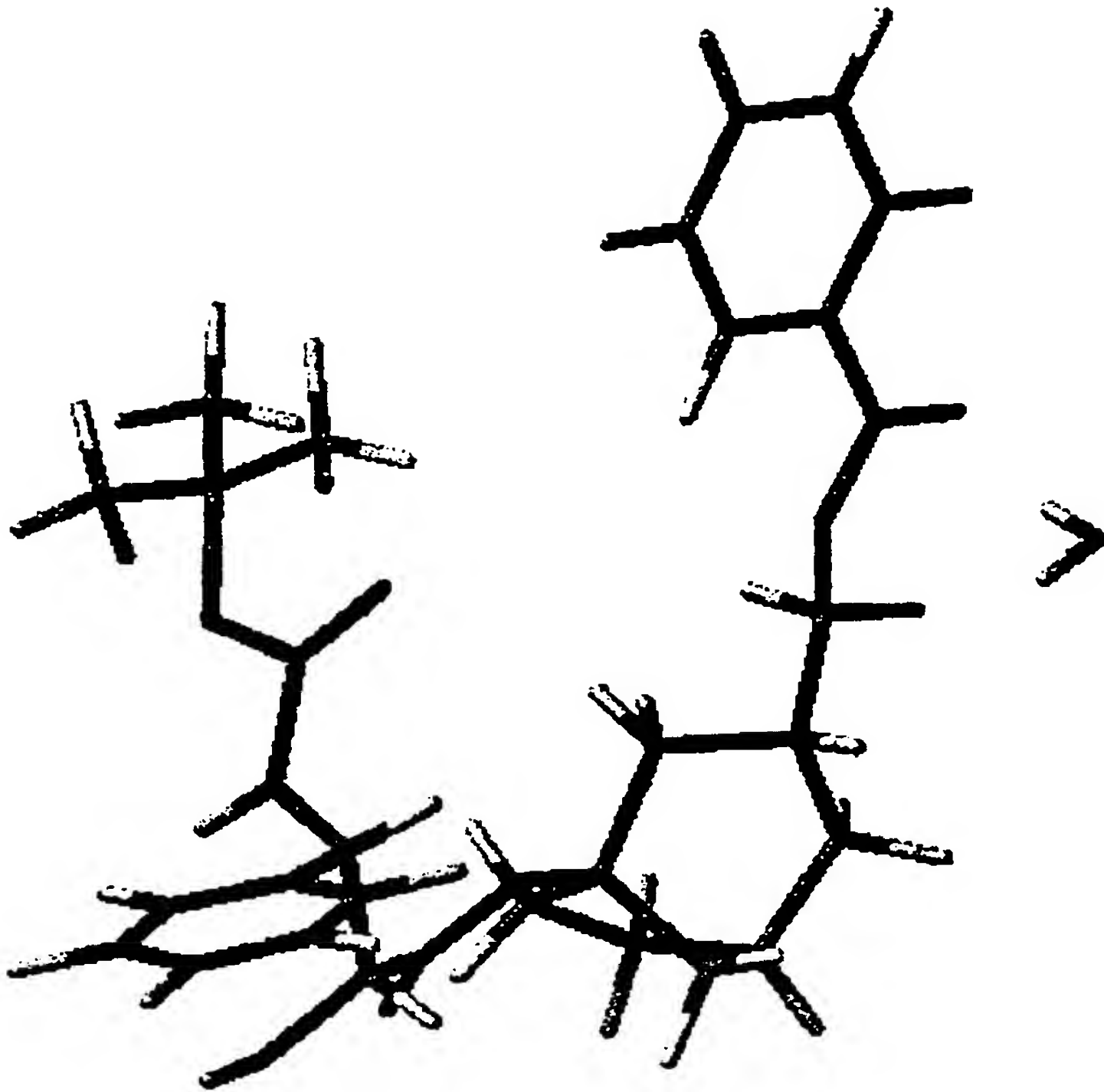


Fig. 1C

4/19

Step 4

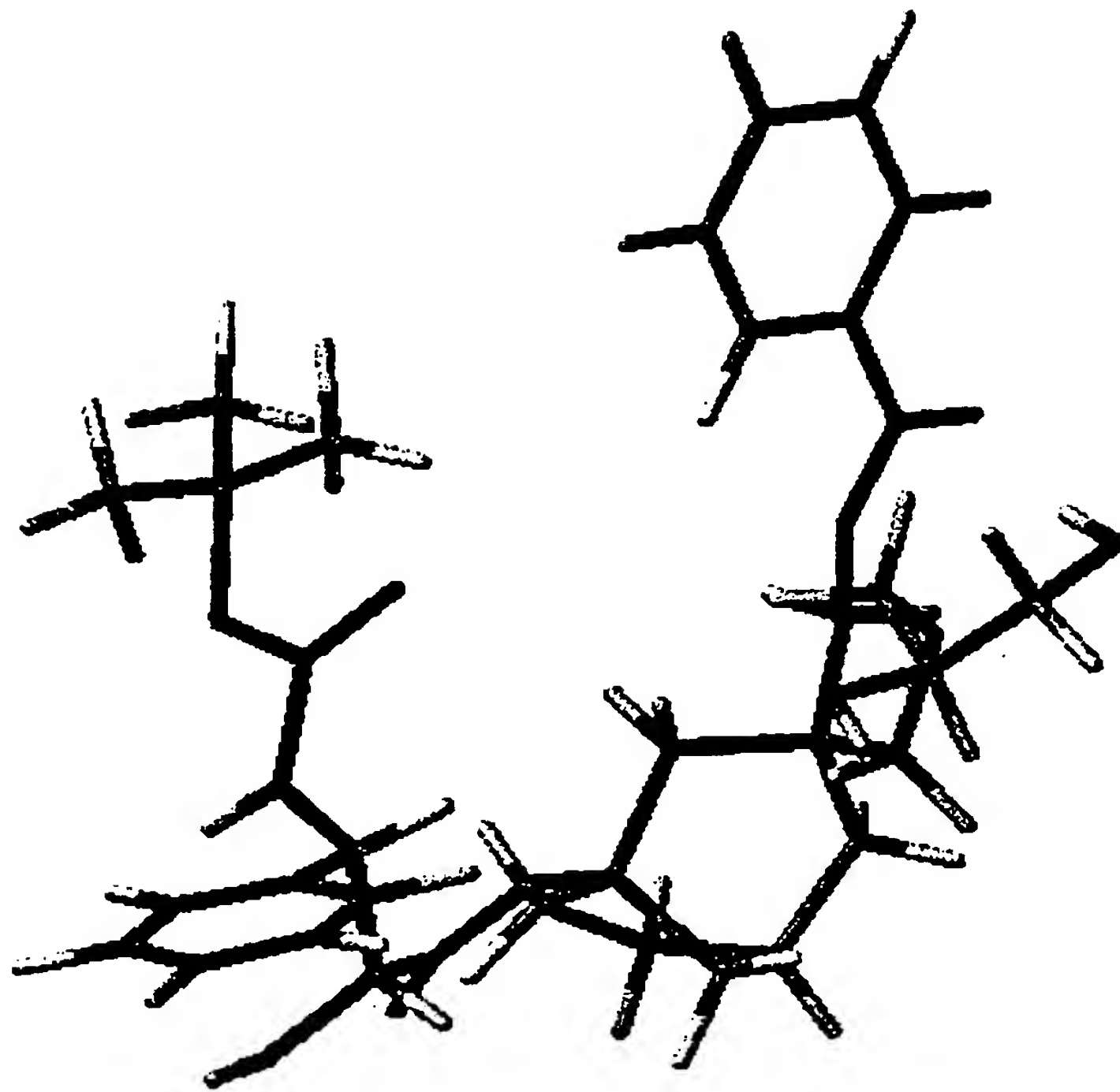


Fig. 1D

5/19

Step 5

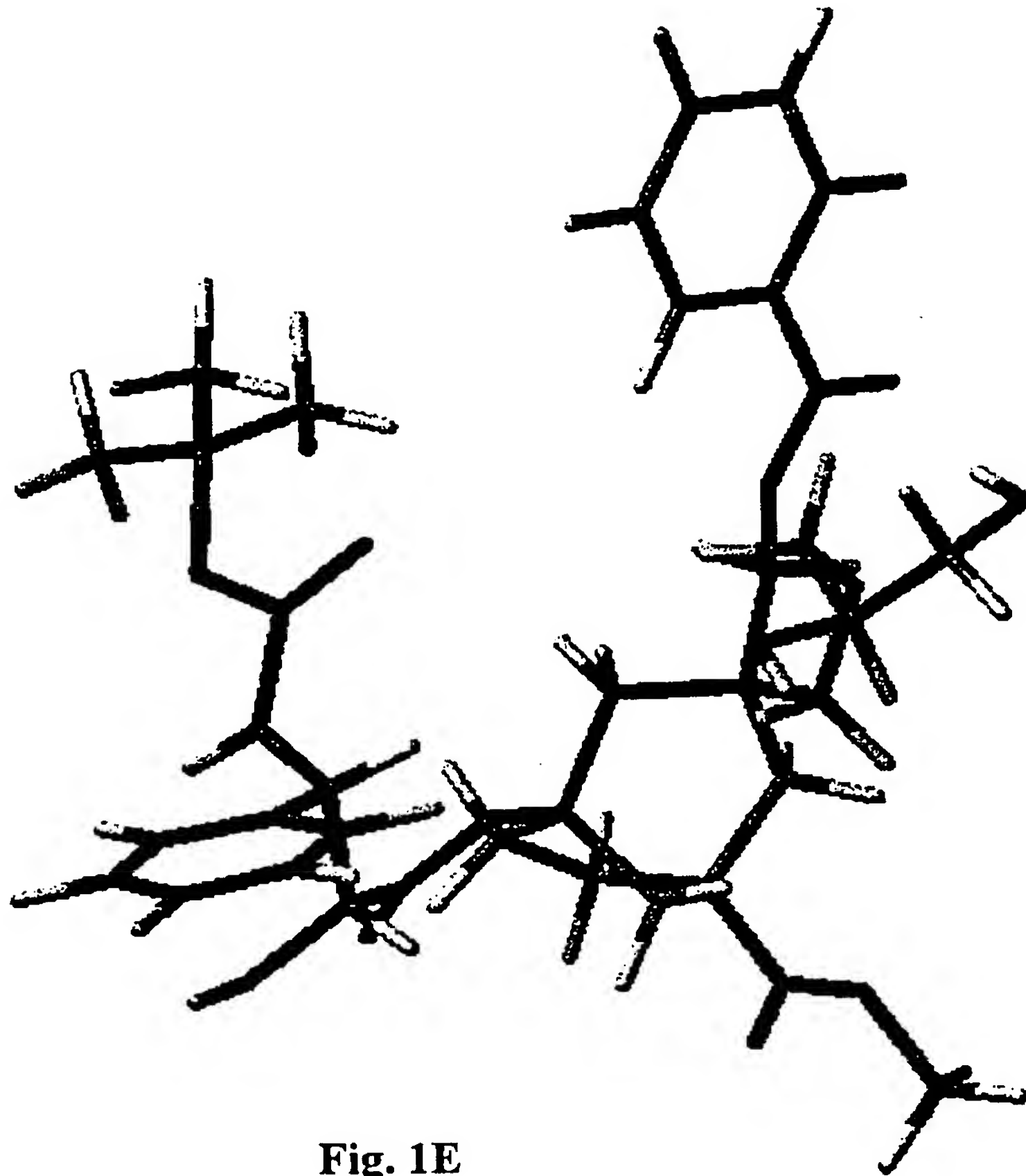


Fig. 1E

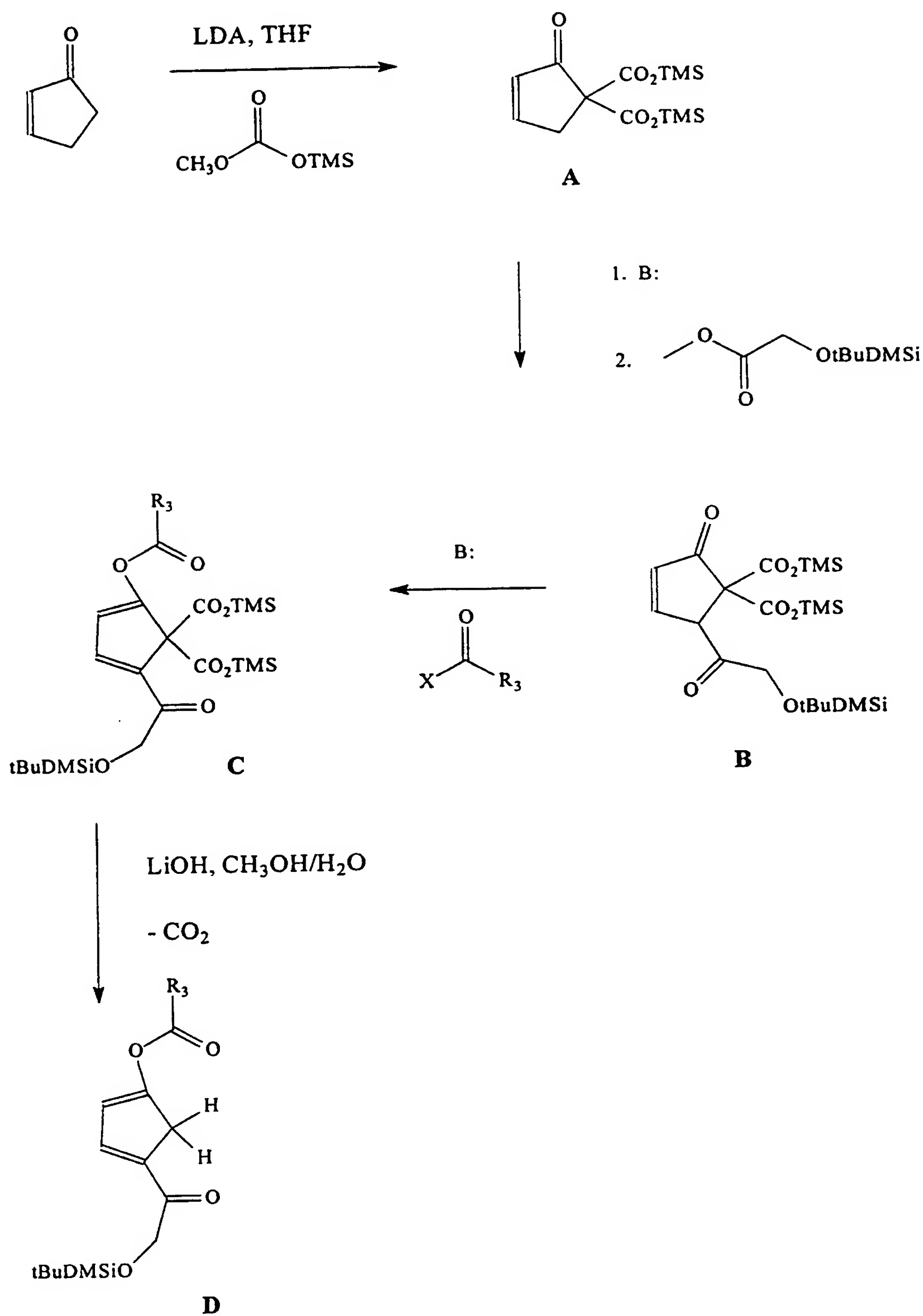


Fig. 2

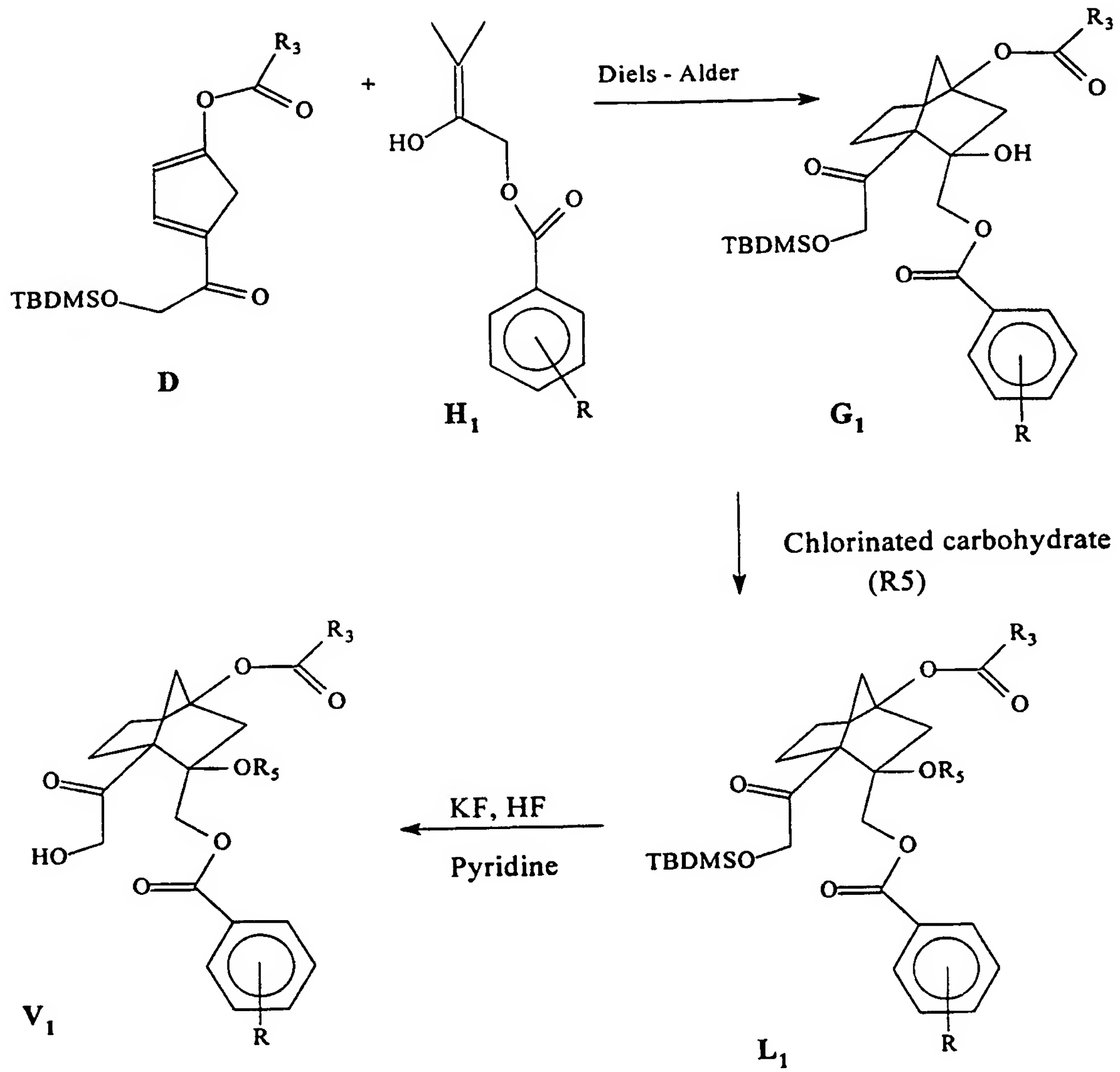


Fig. 3

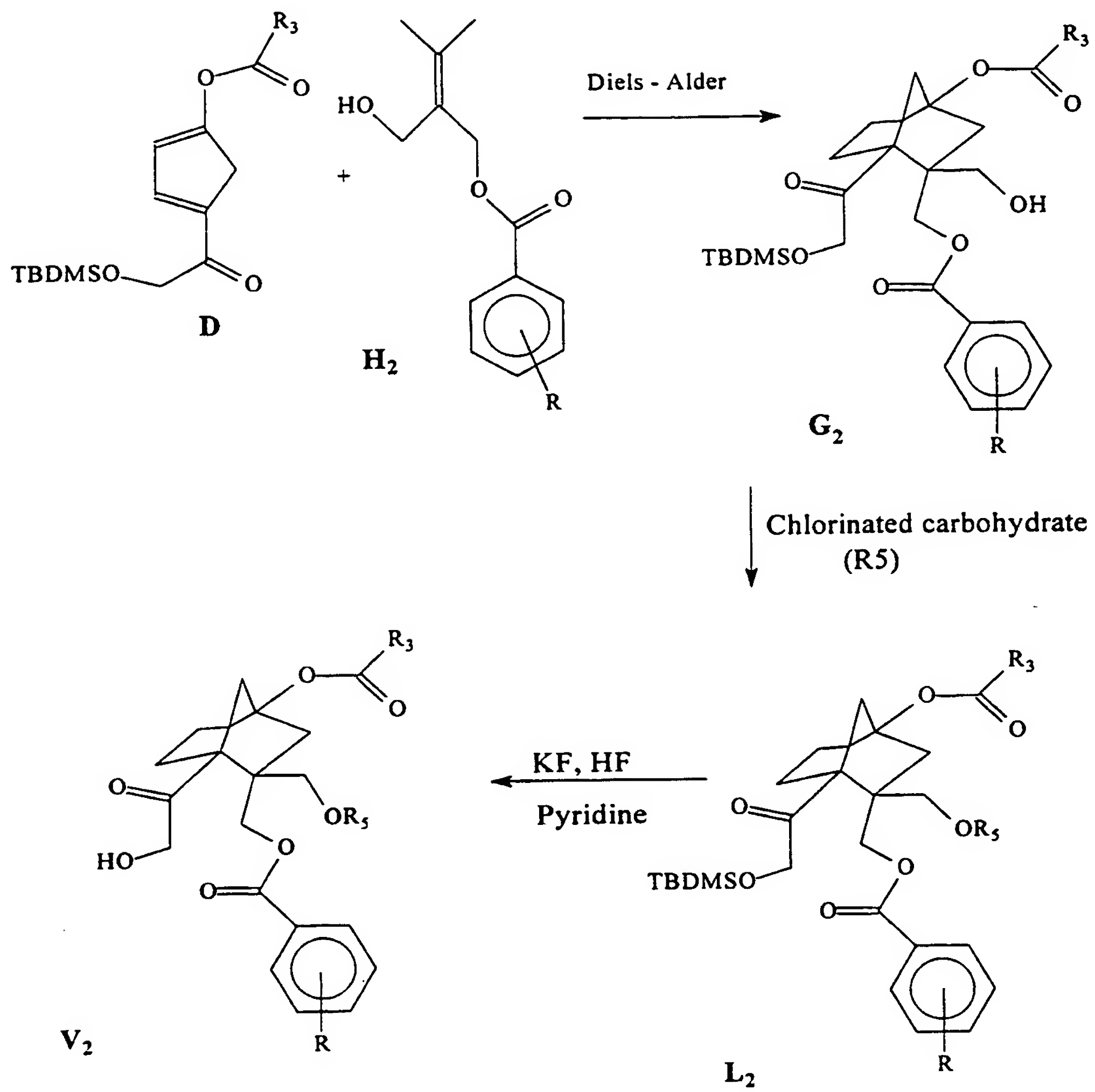


Fig. 4



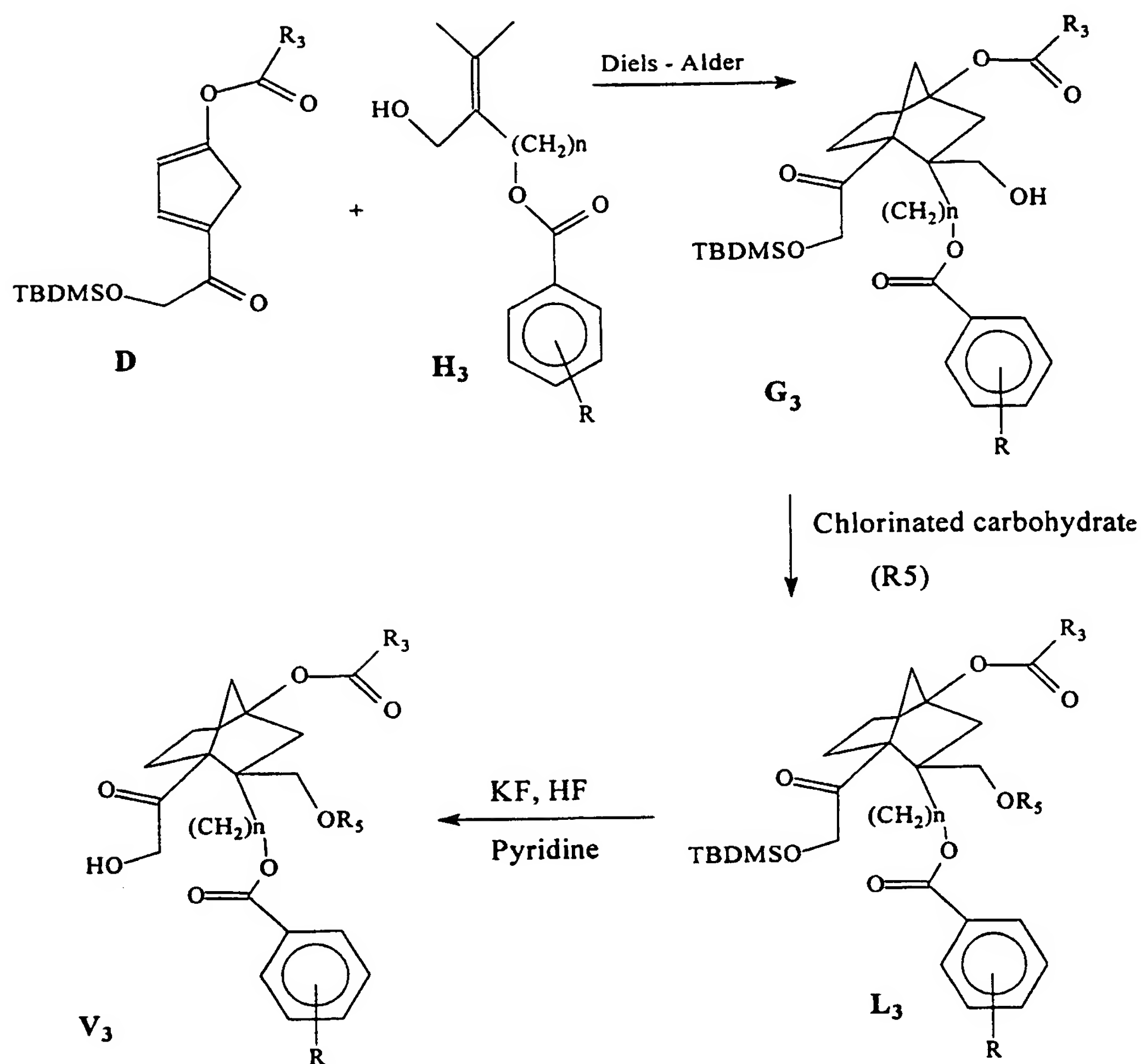
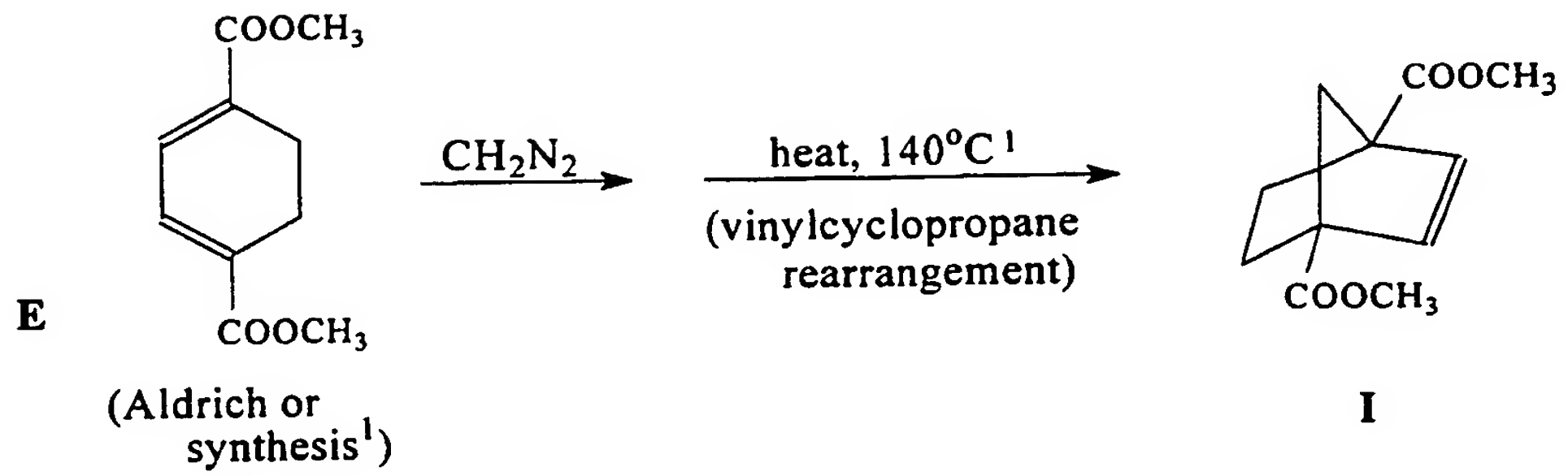
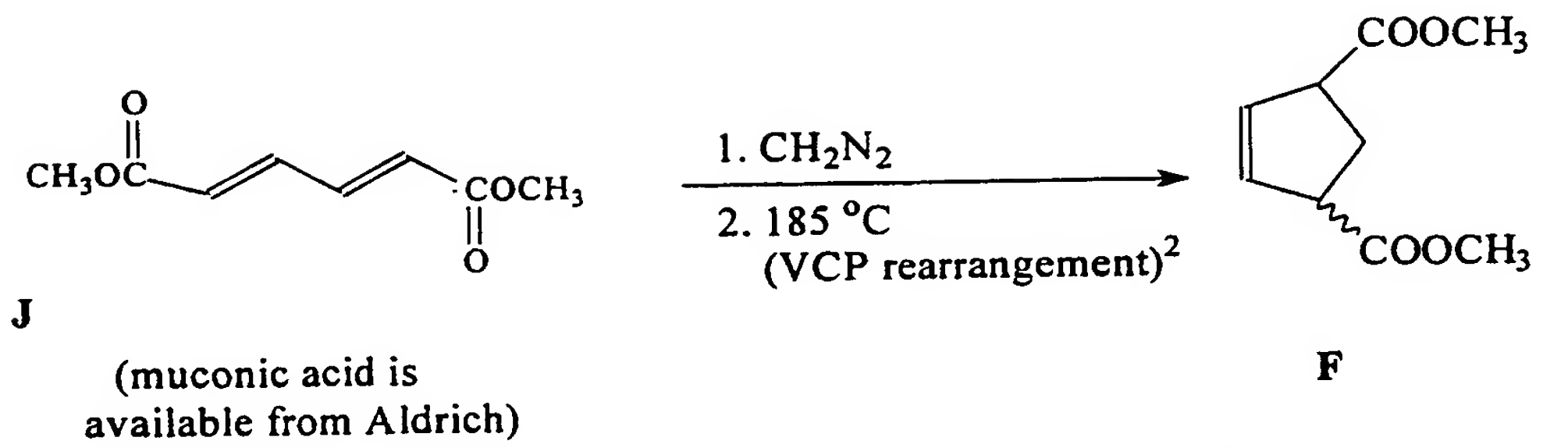


Fig. 5

Route A:



Route B:



(also available from norbornadiene)

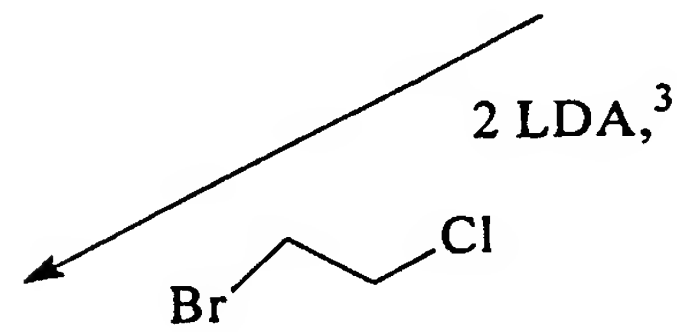
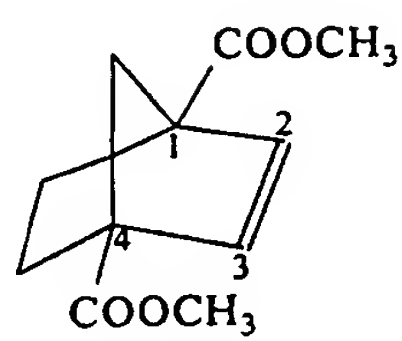


Fig. 6

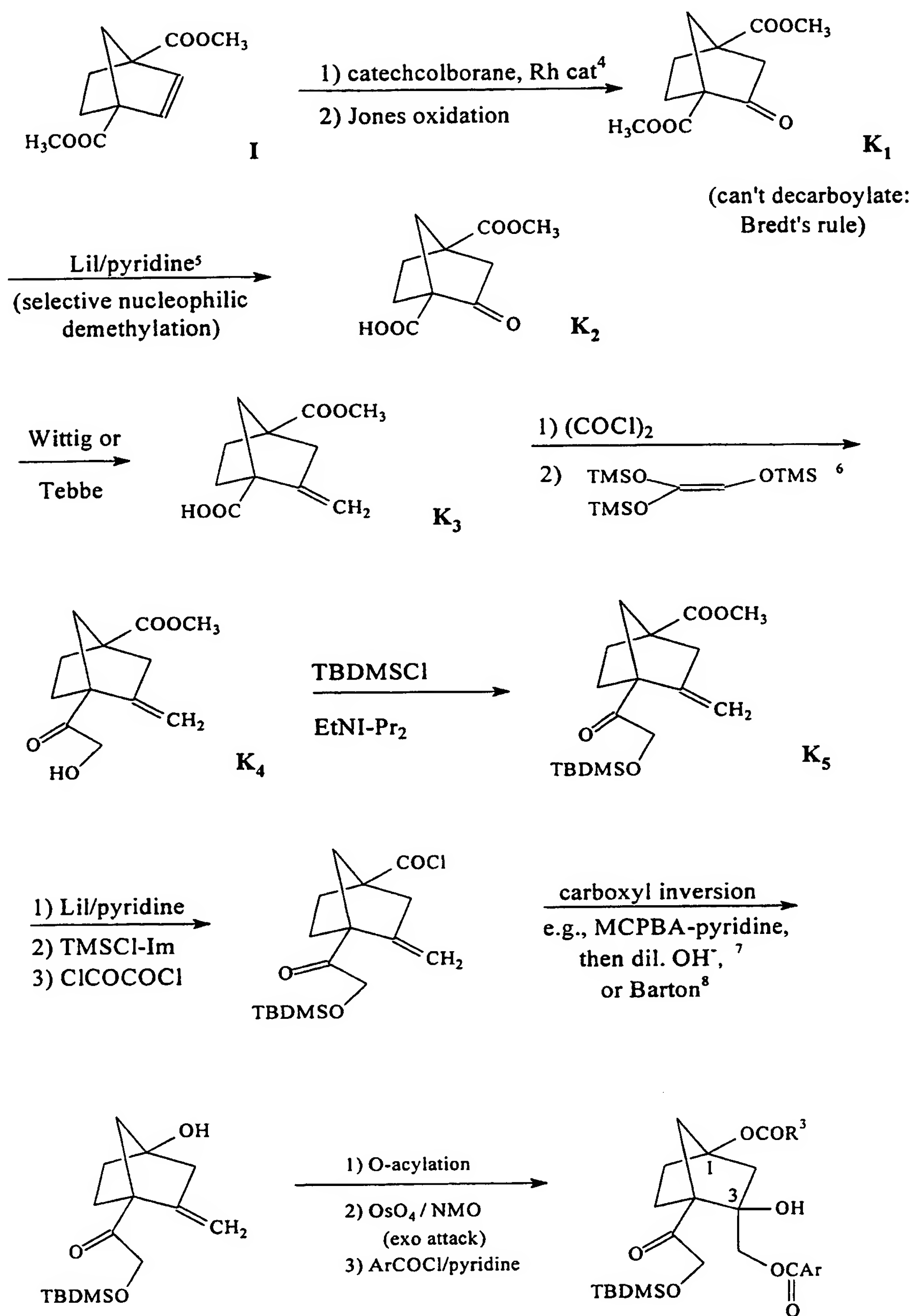


Fig. 7

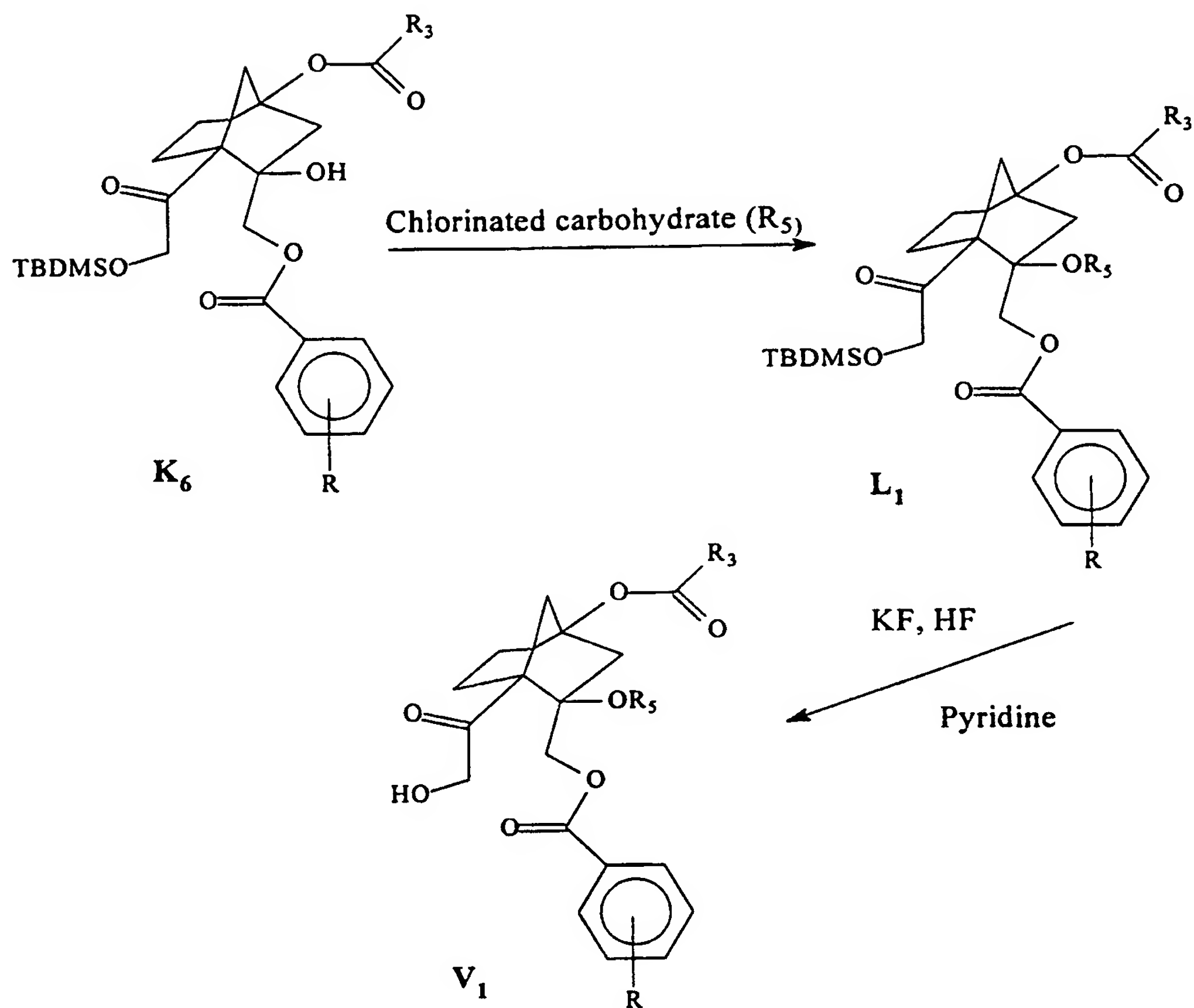


Fig. 8

13/19

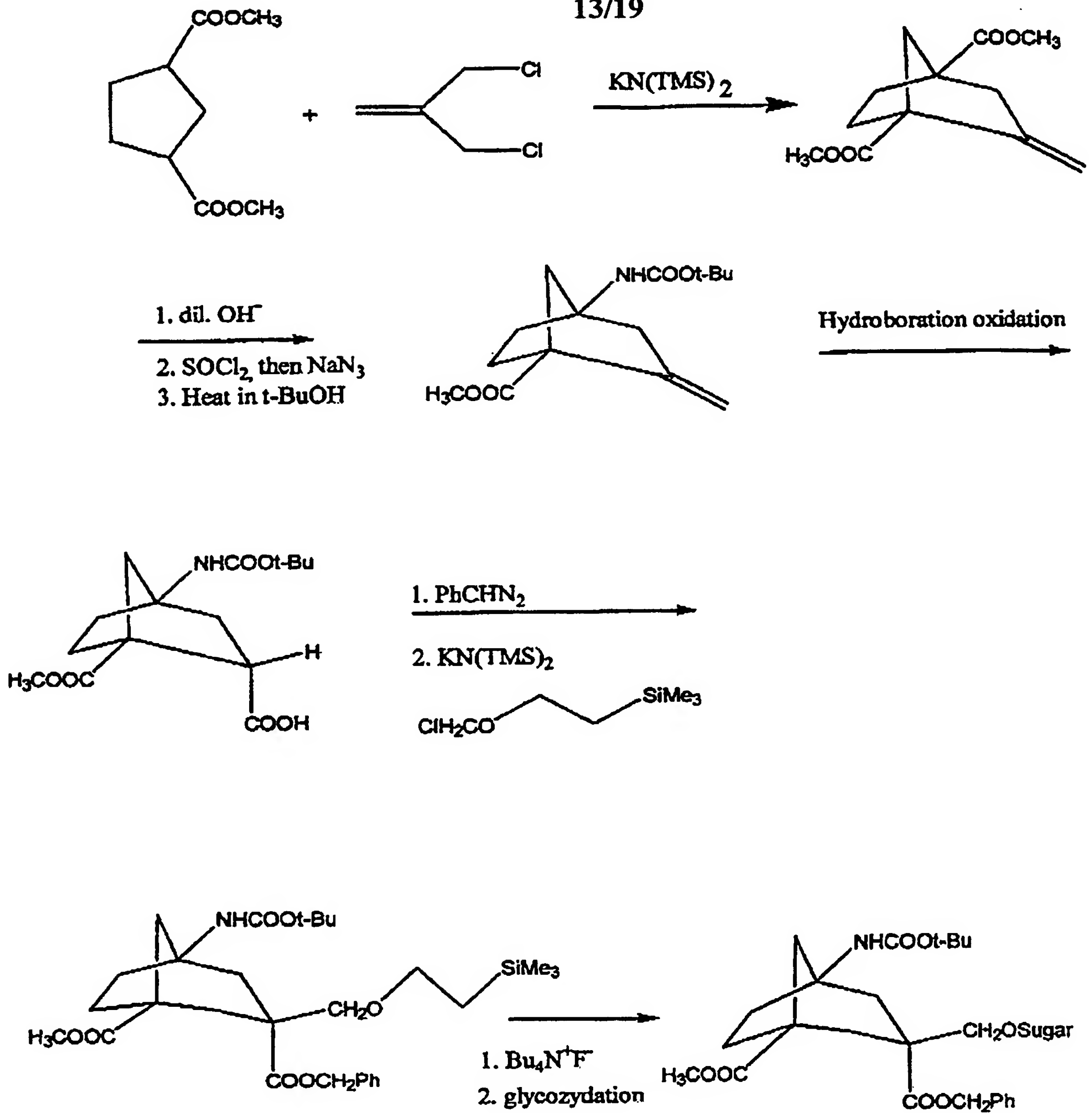


Fig. 9A

14/19

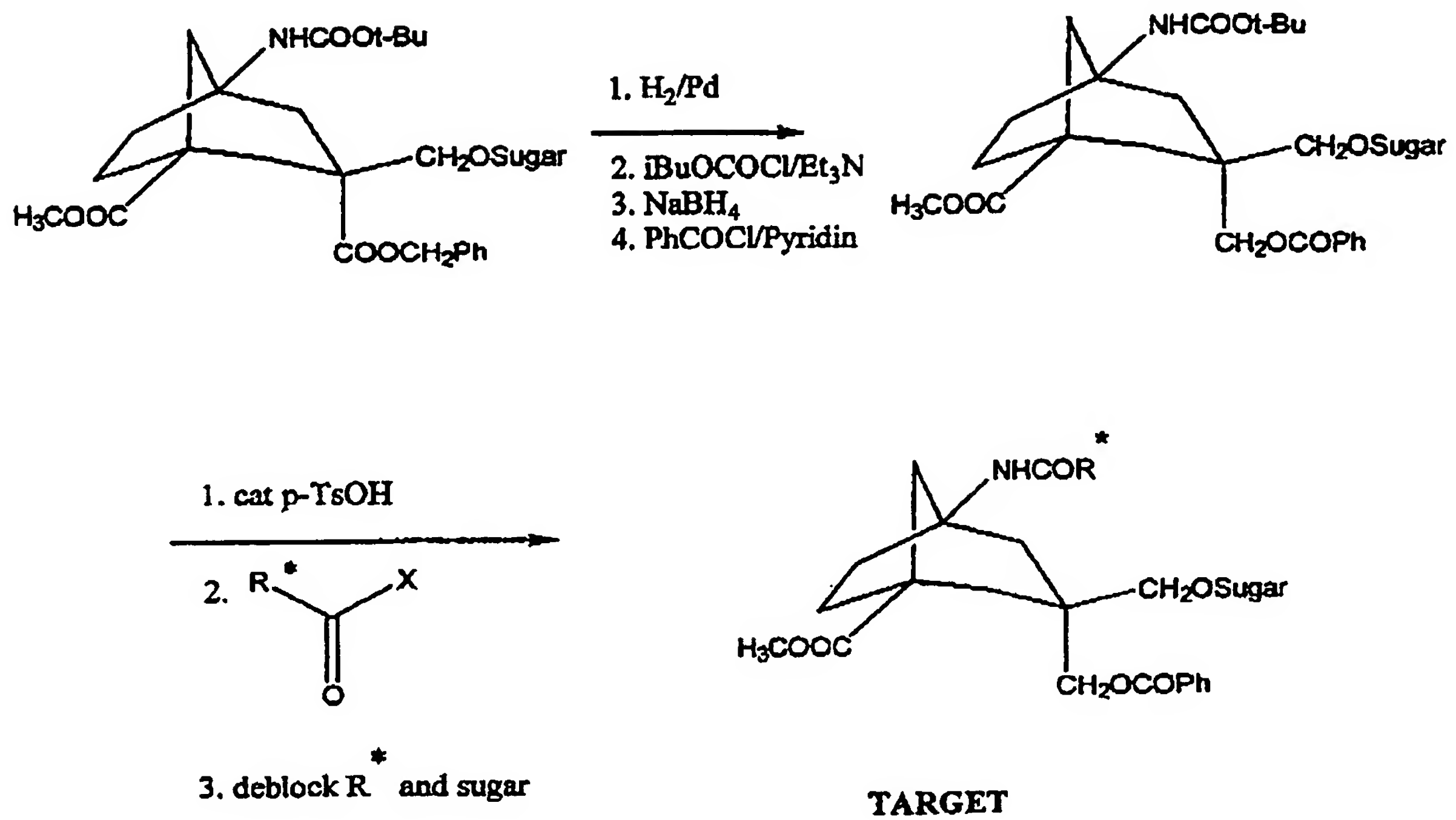


Fig. 9B

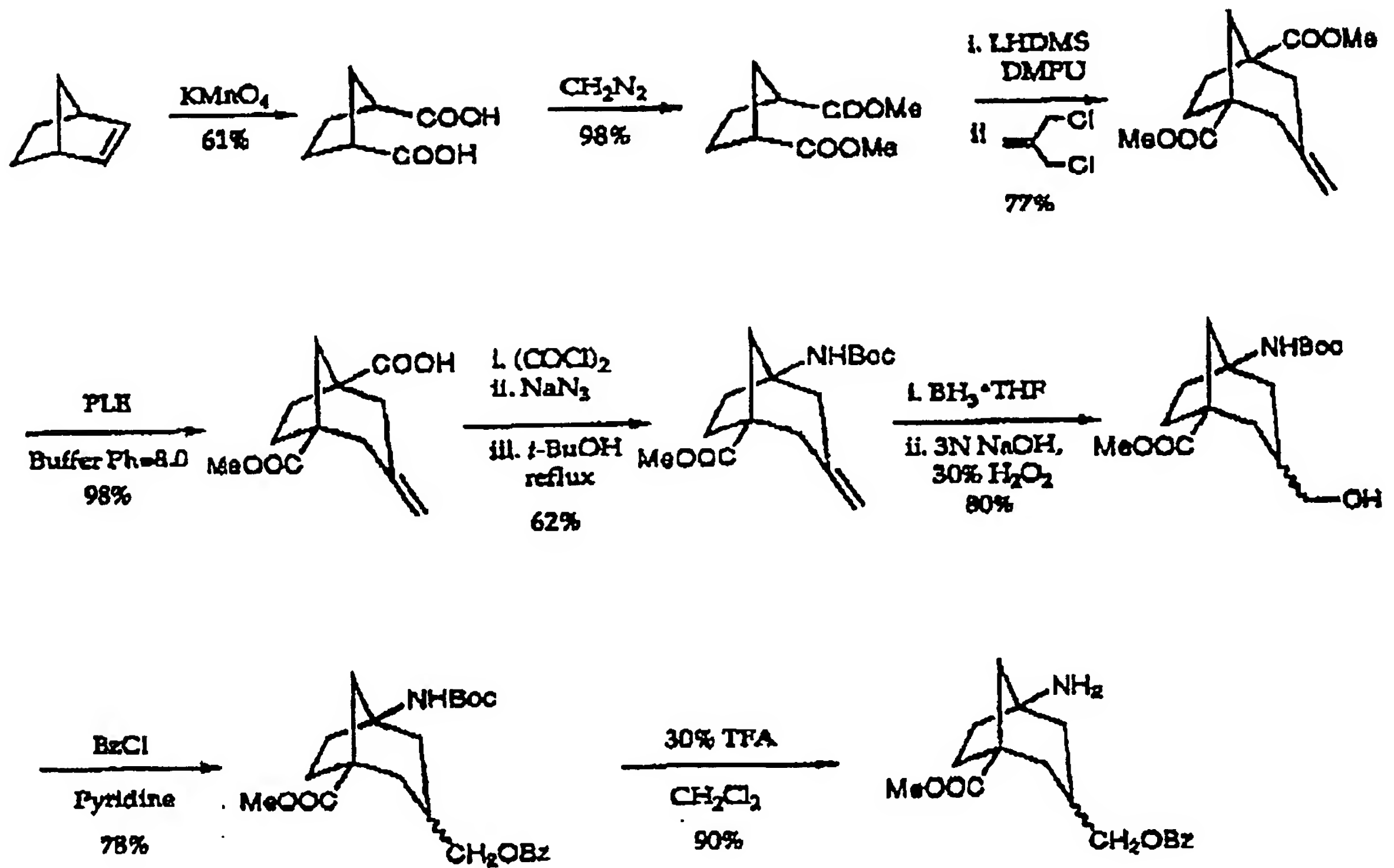


Fig. 9C

16/19

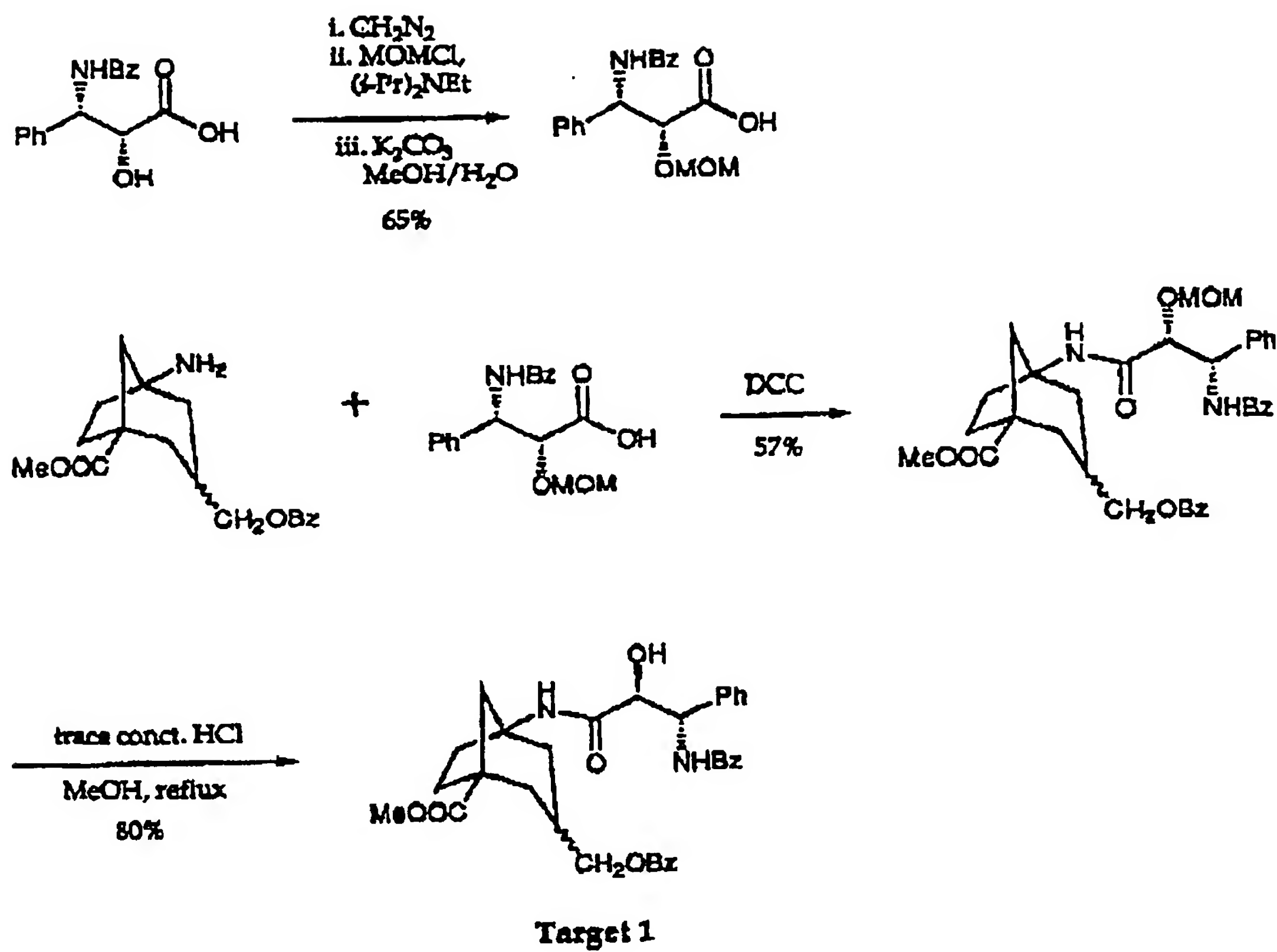


Fig. 9D



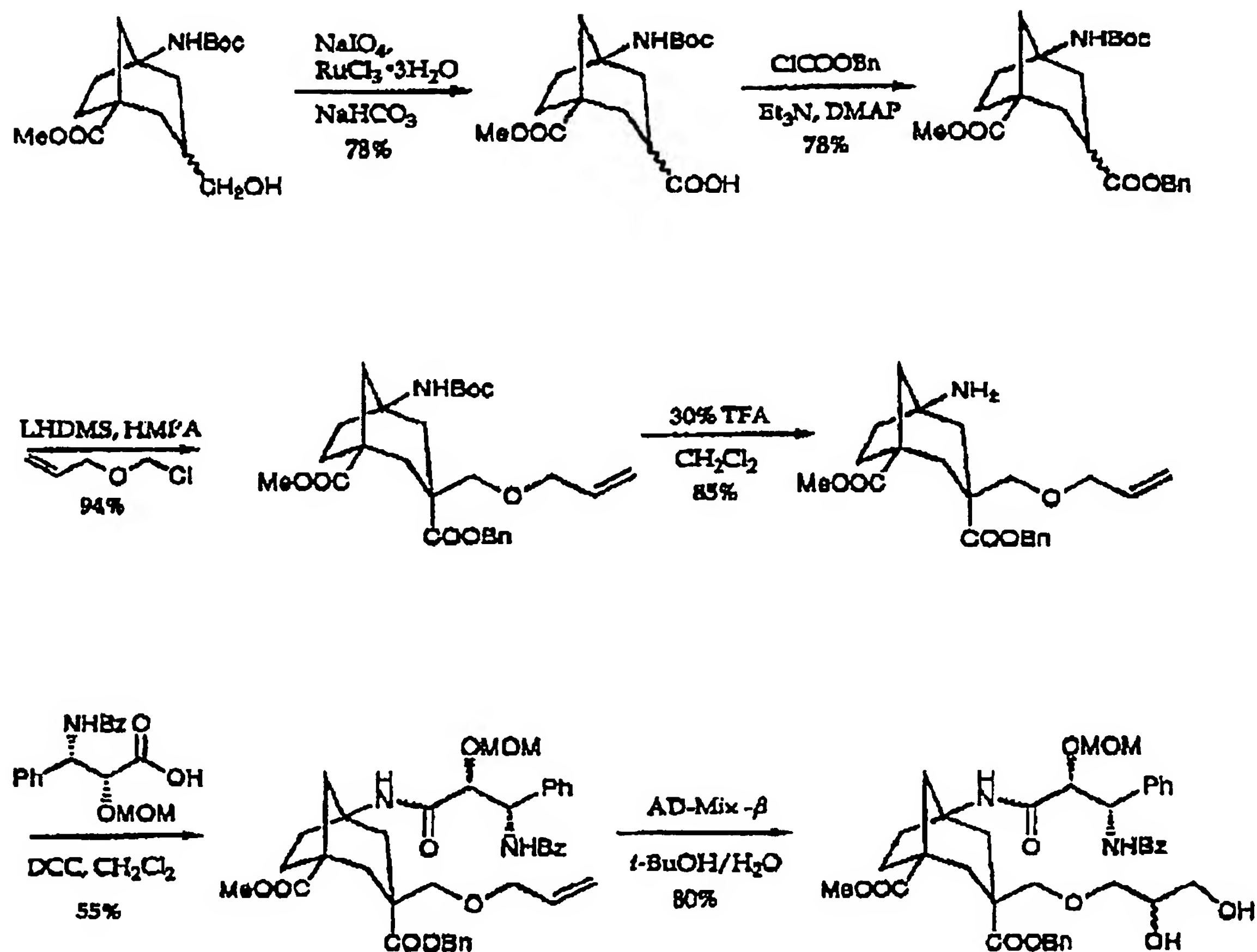


Fig. 9E

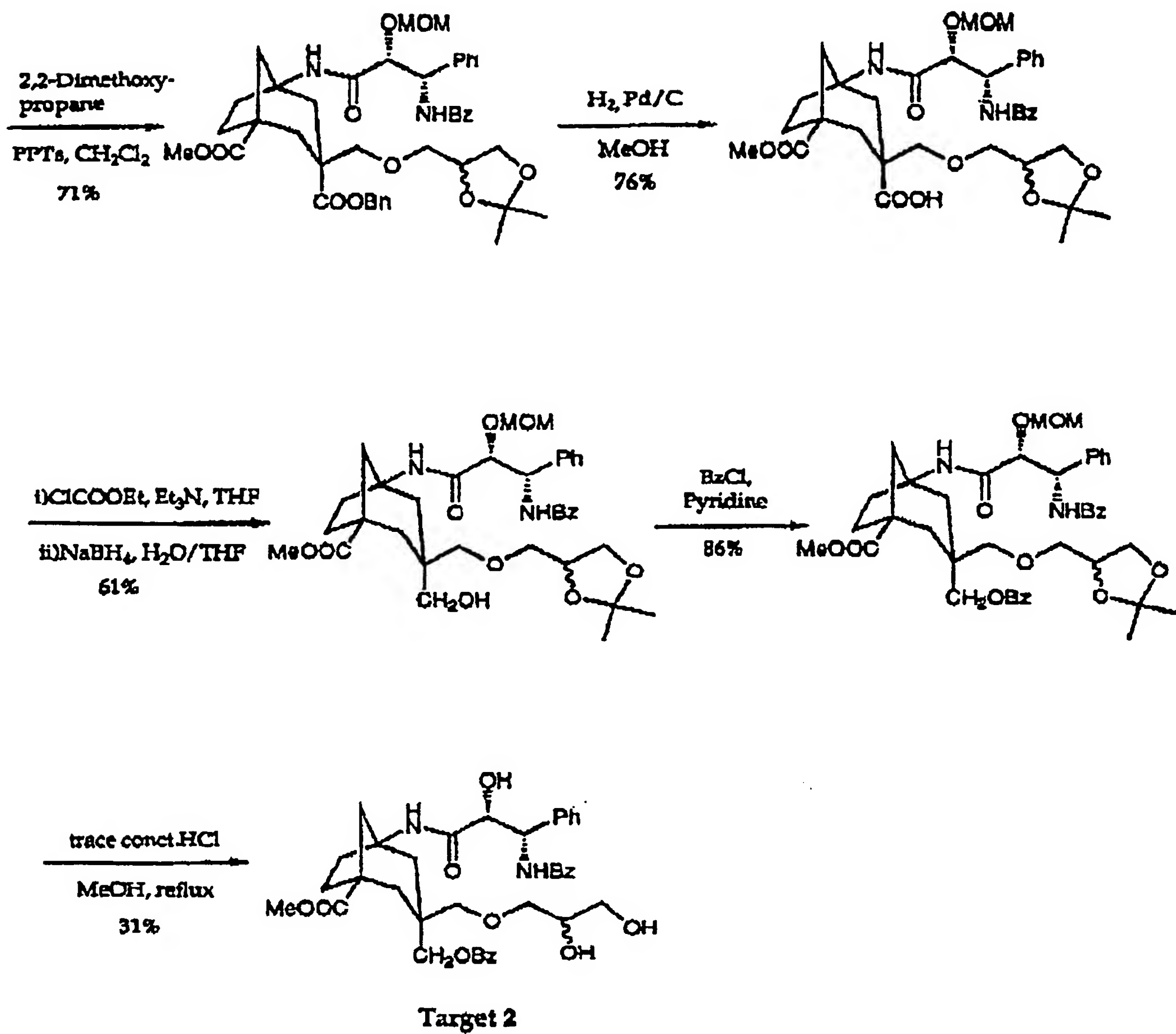


Fig. 9F

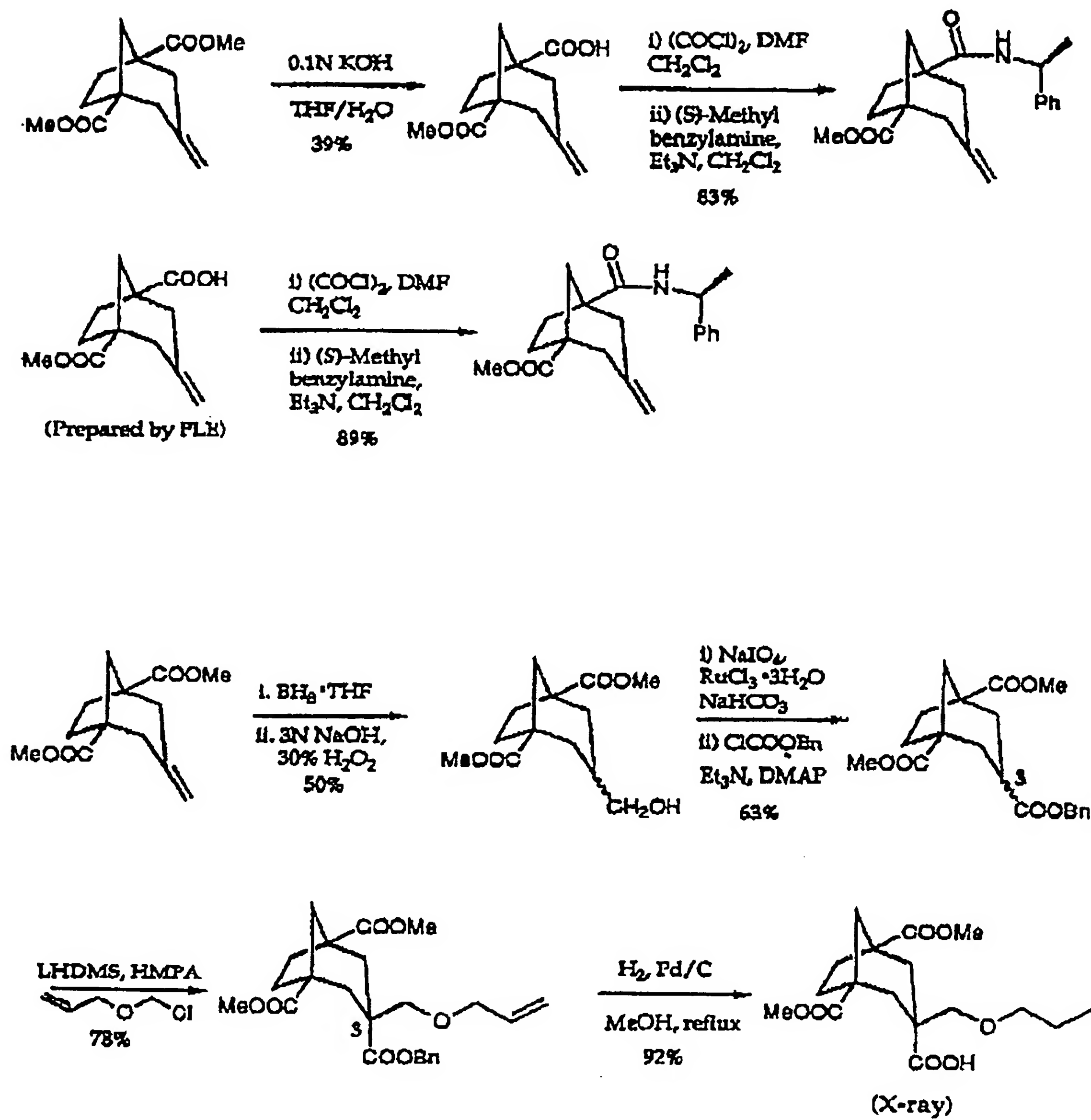


Fig. 9G